

I CLAIM

1. An improvement to any monohull sailboat consisting of wings mounted one on each side of the hull between the aft rail and the chine

2. said wings are tilted upward in roll at a fixed dihedral angle
3. said wings each have an individual span that may be straight, V-shaped, curved or with a combination thereof.
4. said wings generally have a chord greater than their individual span
5. said wings might have a curved rocker shape on their underbody between their nose and their trailing edge
6. said wings might have an area for two wings of twenty to more than sixty percent of the hull deck area
7. said wings oppose each other in a symmetric alignment in order to function consistently whether on port or starboard heel

whereby said wings will provide the boat with a means for adding a large increase in roll stability, allowing a considerable increase in sail area and speed.